

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-9. (Canceled)

10. (New) A method for creating glyph instructions by a glyph generating system for a person to perform a process by following the glyph instructions, the method comprising:

receiving a written instruction comprising words and phrases inputted by a user of the glyph generating system, wherein the written instruction is to be generated as the glyph instructions;

translating the written instruction into the glyph instructions, the translating including:

identifying by the glyph generating system each of the inputted words and phrases;

matching by the glyph generating system each of the identified words and phrases to a previously stored word or phrase in a database, each matching stored word and phrase equivalent to one of a plurality of stored glyph images, each of the stored glyph images including a type designation corresponding to one of an action glyph, a material glyph or an instrumentation glyph, and each of the stored glyphs including an ordering designation; and

syntactically ordering the matching glyph images by the glyph generating system based on the type designation and the ordering designation;

displaying the ordered glyphs to the user;

receiving an approval input from the user; and

outputting the ordered glyphs based on the received approval, wherein the ordered glyphs form glyph instructions for the person to perform the process by following the glyph instructions, and wherein the glyph instructions are not specific to any particular written language so that the person can follow the instructions to perform the process regardless of which written language is understood by the person following the glyph instructions.

11. (New) The method according to claim 10, the method further comprising:

displaying a list of languages to the user; and

receiving a language selection from the user indicating which language corresponds to the received written instruction.

12. (New) A method for creating glyph instructions by a glyph generating system for a person to perform a process by following the glyph instructions, the method comprising:

displaying a plurality of available action glyphs to a user of the glyph generating system;

displaying a plurality of available material glyphs to the user of the glyph generating system;

displaying a plurality of available instrumentation glyphs to the user of the glyph generating system;

receiving an ordered plurality of selections from the user by the glyph generating system, each of the selections selected from one of the available action glyphs, material glyphs and instrumentation glyphs, wherein the selections are ordered to arrange the selected action glyphs, material glyphs and instrumentation glyphs in accordance with a predetermined structure;

displaying the arranged selected glyphs to the user; and

outputting the arranged selected glyphs, wherein the arranged selected glyphs form glyph instructions for the person to perform the process by following the glyph

instructions, and wherein the glyph instructions are independent of any particular written language.

13. (New) The method according to claim 12, the method further comprising:
displaying a list of languages to the user; and
receiving a language selection from the user thereby causing the glyph generating system to operate in the language selected by the user while having no effect on the outputted arranged selected glyphs.

14. (New) The method according to claim 13, wherein receiving an ordered plurality of selections from the user includes:

displaying an action heading, a materials heading and an instrumentation heading to the user;

receiving a heading selection of one of the action heading, the materials heading and the instrumentation heading from the user;

based on the receiving a heading selection, displaying an glyph selection list including one of a plurality of available actions, a plurality of available materials and a plurality of available instruments; and

receiving a selection from the user of one element of the displayed glyph selection list.

15. (New) The method according to claim 14, wherein the displayed glyph selection list includes descriptive information for each element in the selection list in the language selected by the user.

16. (New) A pictographic system for creating glyph instructions for a person following the glyph instructions to perform a process, irrespective of a written language used by the person following the glyph instructions, the system comprising:

a computing unit;

an input device operatively connected to the computing unit for receiving input from a user and displaying information to the user;

an electronic storage device operatively connected to the computing unit for storing a database;

an output device operatively connected to the computing unit for generating hard copies of created glyph instructions;

wherein the computing unit is configured to perform the steps of at least one of an automated glyph creation process and a manual glyph creation process;

wherein the automated glyph creation process includes:

receiving a written instruction comprising words and phrases inputted by a user of the glyph generating system, wherein the written instruction is to be generated as the created glyph instructions;

translating the written instruction into the glyph instructions, the translating including:

identifying each of the inputted words and phrases;

matching each of the identified words and phrases to a previously stored word or phrase in the database, the matching stored word or phrase equivalent to one of a plurality of stored glyph images in the database, each of the stored glyph images including an associated type designation corresponding to one of an action glyph, a material glyph or an instrumentation glyph, and each of the stored glyphs including an ordering designation; and

syntactically ordering the matching glyph images based on the type designation and the ordering designation;

displaying the ordered glyphs to the user;

receiving an approval input from the user; and

outputting the ordered glyphs based on the received approval, wherein the ordered glyphs form glyph instructions for the person to perform the process

by following the glyph instructions, and the glyph instructions are not specific to any particular written language so that the person can follow the instructions to perform the process regardless of which written language is understood by the person following the glyph instructions;

and wherein the manual glyph creation process includes:

displaying a plurality of available action glyphs stored in the database to a user of the glyph generating system;

displaying a plurality of available material glyphs stored in the database to the user of the glyph generating system;

displaying a plurality of available instrumentation glyphs stored in the database to the user of the glyph generating system;

receiving an ordered plurality of selections from the user, each of the selections selected from one of the available action glyphs, available material glyphs and available instrumentation glyphs;

displaying the selected available glyphs to the user; and

outputting the selected available glyphs, wherein the selected available glyphs form the glyph instructions for the person to perform the process by following the glyph instructions, and the glyph instructions are independent of any particular written language.

17. (New) The pictographic system according to claim 16, the automated glyph creation process further including:

displaying a list of languages to the user; and

receiving a language selection from the user indicating which language corresponds to the received written instruction.

18. (New) The pictographic system according to claim 16, the manual glyph creation process further including:

displaying a list of languages to the user; and
receiving a language selection from the user thereby causing the pictographic system to operate in the language selected by the user while having no effect on the outputted selected available glyphs.

19. (New) The pictographic system according to claim 18, wherein receiving an ordered plurality of selections from the user includes:

displaying an action heading, a materials heading and an instrumentation heading to the user;

receiving a heading selection of one of the action heading, the materials heading and the instrumentation heading from the user;

based on the receiving a heading selection, displaying an glyph selection list including one of a plurality of available actions, a plurality of available materials and a plurality of available instruments; and

receiving a selection from the user of one element of the displayed glyph selection list.

20. (New) The pictographic system according to claim 19, wherein the displayed glyph selection list includes descriptive information for each element in the selection list in the language selected by the user.